

Please type a plus sign (+) inside this box → (+)

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |  |                          |                  |
|---|--|--------------------------|------------------|
| Substitute for form 1449A/PTO   |  | <b>Complete if Known</b> |                  |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(use as many sheets as necessary) |  | Application Number       | 09/619,477       |
|   |  | Filing Date              | July 19, 2000    |
|   |  | First Named Inventor     | Shunpei YAMAZAKI |
|   |  | Group Art Unit           | 2813             |
|   |  | Examiner Name            | E. Kielin        |
| Sheet 1 of 1  |  | Attorney Docket Number   | 0756-2178        |

| U.S. PATENT DOCUMENTS |                       |                      |                                      |   |   |   |
|-----------------------|-----------------------|----------------------|--------------------------------------|---|---|---|
| Examiner Initials     | Cite No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |                       | Number               | Kind Code <sup>2</sup><br>(if known) |   |   |   |
| EX                    |                       | 4,780,794            |                                      | Mase et al.                                     | 10/25/1988  |   |
| EX                    |                       | 4,820,612            |                                      | Mase et al.                                     | 04/11/1989  |   |
| EX                    |                       | 4,828,967            |                                      | Mase et al.                                     | 05/09/1989  |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |
|                       |                       |                      |                                      |   |   |   |

| FOREIGN PATENT DOCUMENTS |                       |                         |                     |                                      |   |   |   |                |
|--------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|---|---|---|----------------|
| Examiner Initials        | Cite No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |   |   |   |                |
| EX                       |                       | CN                      | 1222684             |                                      |   | 07/14/1999  |   | Abst.          |
| EX                       |                       | CN                      | 85109696            |                                      |   | 07/16/1986  |   | US<br>Equiv.   |
| EX                       |                       | EP                      | 0 187 535           |                                      |   | 07/16/1986  |   | Eng.           |
|                          |                       |                         |                     |                                      |   |   |   |                |
|                          |                       |                         |                     |                                      |   |   |   |                |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---|-----------------------|---|----------------|
| Examiner Initials                                 | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| EX  |                       | Office Action, Chinese Patent Office, dated January 28, 2005 for Application No. 00121737.2.  | Eng.           |
|   |                       |   |                |
|   |                       |   |                |

|                    |   |                 |           |
|--------------------|---|-----------------|-----------|
| Examiner Signature |  | Date Considered | 5/12/2005 |
|--------------------|---|-----------------|-----------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.